

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|---------------------------|------------------|---------|---------------------|
| L11 | 27 | I9 SAME I10 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 16:27 |
| L10 | 63465 | ((request\$3 or query\$3 or read \$3) NEAR4 status | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 16:27 |
| L9 | 63 | router WITH status register | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 16:26 |
| L8 | 9 | I2 SAME (checksum or crc) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 15:41 |
| L7 | 50 | I6 and (infrared or IR or (infra red)) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 15:40 |
| L6 | 50 | I2 and (checksum or crc) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 15:39 |
| L5 | 0 | I4 and (checksum or crc) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 15:39 |
| L4 | 24 | ((US-20020093424-\$ or US- 20030067738-\$ or US- 20030204726-\$ or US- 20030099247-\$ or US- 20020129166-\$ or US- 20020013856-\$ or US- 20030033599-\$ or US- 20050183026-\$ or US- 20020041568-\$ or US- 20030120925-\$).did. or (US- 6956833-\$ or US-6892251-\$ or US-6885635-\$ or US- 6421329-\$ or US-5490139-\$ or US-6275492-\$ or US- 6600583-\$ or US-6292464-\$ or US-6111673-\$ or US- 5488501-\$ or US-5894478-\$ or US-6873796-\$ or US- 5668654-\$ or US-7069444-\$). did. | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 15:38 |
| L2 | 174 | authenticat\$3 SAME (infrared or IR) SAME identifier | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/10/07 15:06 |
| S192 | 0 | ((infrared or IR) WITH (lamp or LED or (light emitting diode)) WITH (indicat\$3 NEAR3 status) WITH link\$3 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 14:14 |
| S191 | 68 | ((infrared or IR) WITH (lamp or LED or (light emitting diode)) WITH (indicat\$3 NEAR3 status) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 14:14 |

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|------|-------|--|---------------------------|-----|----|---------------------|
| S190 | 393 | ((port) WITH (lamp or LED or (light emitting diode)) WITH (indicat\$3 NEAR3 status)) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 14:11 |
| S189 | 2359 | ((port) WITH (lamp or LED or (light emitting diode)) WITH indicat\$3 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 14:11 |
| S188 | 27 | ((infrared or IR) NEAR3 port) WITH (lamp or LED or (light emitting diode)) WITH indicat\$3 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 14:07 |
| S187 | 277 | ((infrared or IR) NEAR3 port) WITH (lamp or LED or (light emitting diode)) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 14:07 |
| S186 | 4 | ("20030120925" "20030236991" "20040124966" "7130454"). PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/10/07 13:46 |
| S185 | 18 | ((infrared or IR) NEAR3 port) SAME authoriz\$5 SAME allow\$3 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:40 |
| S184 | 106 | ((infrared or IR) NEAR3 port) SAME authoriz\$5 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:40 |
| S183 | 29 | S182 SAME S179 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:31 |
| S182 | 91 | (router) WITH (status NEAR4 register) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:31 |
| S181 | 178 | S178 WITH S179 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:30 |
| S180 | 228 | S178 SAME S179 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:29 |
| S179 | 63465 | (request\$3 or query\$3 or read\$3) NEAR4 status | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:29 |
| S178 | 1453 | (router or switch) WITH (status NEAR4 register) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:28 |
| S177 | 3573 | (router or switch) SAME (status NEAR4 register) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:28 |
| S176 | 6430 | (router or switch) SAME status SAME register | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 13:28 |
| S175 | 4 | S174 SAME S172 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 12:00 |
| S174 | 97 | S169 SAME S170 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 12:00 |
| S173 | 454 | S171 and S172 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 12:00 |
| S172 | 51340 | updat\$3 NEAR4 table | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 12:00 |
| S171 | 831 | S169 and S170 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 12:00 |
| S170 | 16838 | routing table | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 12:00 |

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| S169 | 4117 | ethernet NEAR4 router | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 12:00 |
| S168 | 8 | S167 not S166 | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 11:50 |
| S167 | 34 | ((infrared or IR) NEAR3 port) WITH (updat\$3 or instal\$5) WITH (stor\$3 or memory) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 11:50 |
| S166 | 26 | ((infrared or IR) NEAR3 port) WITH (updat\$3 or instal\$5) WITH (memory) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 11:35 |
| S165 | 172 | ((infrared or IR) NEAR3 port) WITH (updat\$3 or instal\$5) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 11:35 |
| S164 | 6818 | ((infrared or IR) WITH (updat \$3 or instal\$5) | US-PGPUB; USPAT | ADJ | ON | 2009/10/07 11:35 |
| S163 | 0 | ((routing table) SAME (programming or reprogramming or (re programming) or updating) SAME (infrared) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 15:15 |
| S162 | 12 | ((routing table) WITH (programming or reprogramming or (re programming) or updating) WITH (wireless\$2)) SAME (internet or ethernet or wired) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 15:04 |
| S161 | 58 | ((routing table) WITH (programming or reprogramming or (re programming) or updating) WITH (wireless\$2) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 15:04 |
| S160 | 103 | ((routing table) SAME (programming or reprogramming or (re programming) or updating) SAME (wireless\$2) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 15:03 |
| S159 | 0 | ((routing table) SAME (programming or reprogramming or (re programming) or updating) SAME (infrared) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 15:03 |
| S158 | 5 | ((routing table) SAME (programming or reprogramming or (re programming) or updating) SAME (infrared or "ir") | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 15:03 |
| S157 | 0 | ((routing table) SAME (programming or reprogramming or (re programming) or updating) SAME (infrared) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 15:02 |

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| S156 | 0 | (routing table) SAME (programming or reprogramming or (re programming) or updating) SAME (wireless\$2 and optical) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 15:00 |
| S155 | 27 | ("20010024953" "20030040319" "20030157951" "5412654" "5594731" "5652751" "5717689" "5790536" "5822309" "5875186" "5901362" "5987011" "6304556" "6304745" "6332077" "6480719" "6522884" "6535498" "6704283" "6711409" "6741856" "6879574" "6917804" "6961575" "7035240" "7085241" "7181214").FN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/10/03 14:59 |
| S154 | 66 | (routing table) WITH (programming or reprogramming or (re programming) or updating) WITH (wireless\$2 or optical or infrared) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 14:31 |
| S153 | 134 | (routing table) SAME (programming or reprogramming or (re programming) or updating) SAME (wireless\$2 or optical or infrared) | US-PGPUB; USPAT | ADJ | ON | 2009/10/03 14:31 |
| S152 | 1 | "7334048".pn. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/10/02 18:14 |
| S151 | 11 | ("20020129166" "5488501" "5745274" "5786923" "5801863" "5892606" "5956165" "6111673" "6160651" "6271946" "6292464").FN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/10/02 17:54 |
| S150 | 1 | "6600583".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 17:48 |
| S149 | 1 | "6275492".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 17:47 |
| S148 | 1 | "5490139".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 13:39 |
| S147 | 53 | S146 and S138 | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:37 |
| S146 | 328 | ((network NEAR3 router) WITH (wireless or infrared or optical)) SAME (programming or reprogramming or (re programming) or updating) | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:36 |

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| S145 | 184 | S143 and S138 | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:36 |
| S144 | 0 | S141 and S143 | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:36 |
| S143 | 657 | (router WITH (wireless or infrared or optical)) SAME (programming or reprogramming or (re programming) or updating) | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:36 |
| S142 | 0 | S135 and S141 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/10/02 12:36 |
| S141 | 15 | ("20020150056" "20060007946" "5461624" "5526352" "5541914" "5598408" "5892932" "6044080" "6058116" "6205532" "6285679" "6522646" "6826195" "6870813" "6898205").PN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2009/10/02 12:35 |
| S140 | 26 | S135 and S138 | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:19 |
| S139 | 1937 | S132 and S138 | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:18 |
| S138 | 190481 | "709".clas. or "370".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:18 |
| S137 | 5 | "6885635".pn. or "20040100969" or "20020114276" | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 12:06 |
| S136 | 7 | S133 and S135 | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 11:58 |
| S135 | 168 | (router WITH (infrared or optical)) SAME (programming or reprogramming or (re programming) or updating) | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 11:58 |
| S134 | 556 | S132 and S133 | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 11:57 |
| S133 | 79521 | "709".clas. | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 11:57 |
| S132 | 6687 | router WITH (infrared or optical) | US-PGPUB; USPAT | ADJ | ON | 2009/10/02 11:56 |
| S131 | 23 | S130 SAME (remote\$2 NEAR3 control\$3) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 12:07 |
| S130 | 4549 | (mfp or (multi\$3 function\$7 print\$3) or (all in one)) SAME (copy\$3 or copier or fax\$3) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 12:07 |
| S129 | 13 | S123 SAME (remote control \$3) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 12:06 |

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|------|------|---|---|-----|----|---------------------|
| S128 | 3 | (mfp or (multi\$3 function\$7 print\$3) or (all in one)) SAME (copy\$3 or copier or fax\$3) SAME ((select\$3 or choos\$3 or pick\$3) NEAR5 function\$7) SAME (remote) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 12:05 |
| S127 | 169 | (mfp or (multi\$3 function\$7 print\$3) or (all in one)) SAME (copy\$3 or copier or fax\$3) SAME ((select\$3 or choos\$3 or pick\$3) NEAR5 function\$7) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 12:05 |
| S126 | 631 | (mfp or (multi\$3 function\$7 print\$3) or (all in one)) SAME (copy\$3 or copier or fax\$3) SAME (select\$3 or choos\$3 or pick\$3) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 12:04 |
| S125 | 137 | S123 and (remote\$2 control \$3) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 11:52 |
| S124 | 121 | S123 and (remote control\$3) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 11:52 |
| S123 | 4549 | (mfp or (multi\$3 function\$7 print\$3) or (all in one)) SAME (copy\$3 or copier or fax\$3) | US-PGPUB; USPAT | ADJ | ON | 2009/01/08 11:51 |
| S122 | 524 | printer and wireless\$2 and S121 | US-PGPUB; USPAT | ADJ | ON | 2009/01/07 18:18 |
| S121 | 3551 | 709/220.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/01/07 18:18 |
| S120 | 1 | 10/507397 | US-PGPUB; USPAT | ADJ | ON | 2009/01/05 16:03 |
| S119 | 37 | printer SAME receive\$3 SAME (network or USB or serial) SAME (I/R or infrared) | FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/06/27 12:47 |
| S118 | 3 | printer SAME receive\$3 SAME (network or USB or serial or parallel) SAME (I/R or infrared or infra-red) SAME (concurrent \$2 or simultaneous\$2) | FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/06/27 12:46 |
| S117 | 6 | printer SAME receive\$3 SAME (network or USB or serial or parallel) SAME (I/R or infrared or optical) SAME (concurrent \$2 or simultaneous\$2) | FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/06/27 12:46 |
| S116 | 2 | ("6560604" or "6956833").pn. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:45 |
| S115 | 997 | printer SAME receive\$3 SAME (network or USB or serial) SAME (I/R or infrared) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:45 |
| S114 | 25 | printer SAME receive\$3 SAME (network or USB or serial or parallel) SAME (I/R or infrared or infra-red) SAME (concurrent \$2 or simultaneous\$2) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:44 |

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| S113 | 85 | printer SAME receive\$3 SAME (network or USB or serial or parallel) SAME (I/R or infrared or optical) SAME (concurrent \$2 or simultaneous\$2) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:44 |
| S112 | 5 | ("5764863" or "5594840" or "6229621" or "6952780" or "6859197").pn. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:44 |
| S111 | 1 | "20050157349" | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:43 |
| S110 | 4 | S109 and (spool\$3 or buffer \$3) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:43 |
| S109 | 19 | S108 and printer | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:42 |
| S108 | 236 | 398/129.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:42 |
| S107 | 0 | 359/159.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:42 |
| S106 | 1 | "6236486".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:41 |
| S105 | 264 | print\$3 and spool\$3 and allocat\$3 and notif\$7 and infrared | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:41 |
| S104 | 1 | (print\$3 SAME spool\$3 SAME allocat\$3 SAME notif\$7) and infrared | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:41 |
| S103 | 21 | print\$3 SAME spool\$3 SAME allocat\$3 SAME notif\$7 | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:41 |
| S102 | 1 | "20050015434" | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:40 |
| S101 | 996 | printer SAME receive\$3 SAME (network or USB or serial) SAME (I/R or infrared) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:40 |
| S100 | 85 | printer SAME receive\$3 SAME (network or USB or serial or parallel) SAME (I/R or infrared or optical) SAME (concurrent \$2 or simultaneous\$2) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:40 |
| S99 | 55 | reset SAME (non volatile) SAME volatile SAME (status register) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:39 |
| S98 | 858 | reset SAME (non volatile) SAME volatile SAME register | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:39 |
| S97 | 5284 | reset SAME (non volatile) SAME volatile | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:39 |
| S96 | 70 | (infrared or (infra red)) SAME checksum | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:39 |
| S95 | 268 | 710/21.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:38 |
| S94 | 518 | 710/20.ccls. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:38 |

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| S93 | 100 | (password SAME static SAME dynamic) and printer | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:38 |
| S92 | 368 | password SAME static SAME dynamic | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:38 |
| S91 | 1 | password SAME static SAME dynamic SAME checksum | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:37 |
| S90 | 1088 | (infrared or (infra red) or IR or I/R) SAME (LED or (light emitting diode)) SAME indicat \$3 SAME connect\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:37 |
| S89 | 7 | status SAME register SAME reset\$4 SAME sav\$3 SAME (nonvolatile or (non volatile)) SAME volatile | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:37 |
| S88 | 3 | printer SAME (status SAME register) SAME reset\$4 SAME (nonvolatile or (non volatile)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:35 |
| S87 | 168 | printer SAME (status SAME register) SAME reset\$4 | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:35 |
| S86 | 1 | "6956833".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:33 |
| S85 | 60 | pluralit\$3 SAME (storage or memor\$3) and "710".clas. and (printer.ti.) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:33 |
| S84 | 3028 | pluralit\$3 SAME (storage or memor\$3) and "710".clas. and printer | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:33 |
| S83 | 285753 | pluralit\$3 SAME (storage or memor\$3) SAME one | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:33 |
| S82 | 470908 | pluralit\$3 SAME (storage or memor\$3) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:32 |
| S81 | 234 | printer SAME (status register) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:32 |
| S80 | 1995 | (infrared or (infra red)) SAME (bidirectional or (bi directional)) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:32 |
| S79 | 247 | printer SAME (status SAME register) SAME complet\$3 | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:31 |
| S78 | 975 | printer SAME (status SAME register) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:31 |
| S77 | 18 | printer SAME receiv\$3 SAME (network or USB or serial or parallel) SAME (I/R or infrared or optical) SAME (concurrent \$2 or simultaneous\$2) and (status SAME register) | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 12:30 |
| S76 | 7 | kefford.in. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 11:31 |
| S75 | 1 | "6956833".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 10:37 |

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|-----|---|--------------------|--------------------|-----|----|---------------------|
| S74 | 0 | "20020093424""pn." | US-PGPUB; USPAT | ADJ | ON | 2008/06/27 10:21 |
| S73 | 1 | "6892251".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/06/26 21:21 |
| S72 | 1 | "20020093424" | US-PGPUB; USPAT | ADJ | ON | 2008/06/26 20:50 |

EAST Search History (Interference)

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10/ 7/ 2009 5:44:55 PM

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